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UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH ADMINISTRATION
BUREAU OF ENTOMOLOGY AND PLANT QUARANTINE

November 16, 1951

To: R. C. Bushland, In Charge, P. O. Box 232, Kerrville, Tex.
From: A. L. Smith, P. O. Box 246, Umatilla, Fla.
Subject: Monthly Report

Enclosed is the monthly narrative report for October on screw worm surveys in the southeast.

It has been our custom at the Savannah office to make one narrative report at the end of each month, giving the status of screw worm activity in the southeast, and at the end of the quarter, summarize the work to go in the quarterly report.

As you know, very little time was devoted to surveys during October; therefore, there is not much to report.

The screw worm delimiting survey of the southeast is partially completed, and we hope to know by the end of November the boundary limits of screw worm infestation for the southeast in 1951.

ALS

Enclosure - 1

A. L. Smith.

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November 13, 1951

Livestock Pest Survey
October 1951

A. L. Smith

A series of tests that were started in August to determine if horn flies have developed resistance to DDT were completed in September and special reports on evaluation of these tests are being prepared. These tests do not show that horn flies are resistant to DDT.

Considerable time during the month was spent in preparation for the new screw worm research program.

Screw worm surveys were made only in Florida, and in connection with other work on horn fly tests and preparing for fly trapping in connection with screw worm research.

Surveys in Florida show a general increase in screw worm abundance. On account of ear tick season being over early in October, predisposing causes have been less than in September, but percentage of wounds infested were the highest in October of any month this year.

In spite of the population build-up this fall screw worm infestation is far below normal for this area.

Weather conditions throughout the month have been ideal for screw worm activity. An additional increase may be expected in November unless cold weather comes unusually early this year.

